



FAIRFIELD Institute of Management & Technology

(Affiliated to GGSIP University, New Delhi)

तेजस्वि नावधीतमस्तु
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NAAC ACCREDITED



'A' Grade Institute by DHE, Govt. of NCT Delhi, Affiliated to GGSIP University Delhi
and Approved by Bar Council of India & NCTE

BCA:6th Semester

Data Warehousing & Data Mining

Code: BCA 310

OBJECTIVE:

The objective of this paper is to identify the foundation terms and concepts that are commonly used in **Data Warehousing & Data Mining**. This course will give complete descriptions about the terms used in the **Data Warehousing & Data Mining**.

QUESTIONS:

1. Define Data warehouse? Write the components of Data warehouse?
2. Define Metadata? What is Data Extraction?
3. Write short notes on the following. (a) Data extraction (b) Clean up (c) Transformation tools
4. Write short notes on the following. (a) Data Preprocessing (b) Data Discretization (c) Concept Hierarchy
5. Explain Spatial Data Mining. Explain Web Mining.

PROCEDURE:

For completing the assignment students should refer to the books mentioned in syllabus and they can take help from internet. The assignment should be handwritten and properly filled. Students should make assignment in the following manner:

1. Cover page
2. Objectives
3. Index
4. Content
5. Conclusion
6. References
7. Softcopy AND Hardcopy
8. Give proper headings and subheadings
9. Explain every topic in points and using diagrams.
10. Put Examples

OUTCOME:

After doing this assignment, students will come to understand the important terminologies to related to the **Data Warehousing & Data Mining**.

TEXT BOOKS:

- [T1] Kamber and Han, "Data Mining Concepts and Techniques", Hartcourt India P. Ltd., 2001.
[T2] Paul Raj Poonia, "Fundamentals of Data Warehousing", John Wiley & Sons, 2003.

REFERENCE BOOKS:

- [R1] Margaret Dunham, "Data Mining: Introductory and Advanced Topics, 1/e", Pearson
[R2] G. K. Gupta, "Introduction to Data Mining with Case Studies", PHI, 2006.
[R3] W. H. Inmon, "Building the Operational Data Store", 2nd Ed., John Wiley, 1999
[R4] B. M. Shawkat Ali, Saleh A. Wasimi, "Data Mining Methods and Techniques", Cengage Learning, 2009